

## Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: sssptal600cxc

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 JUL 02 LMEDLINE coverage updated  
NEWS 3 JÜL 02 SCISEARCH enhanced with complete author names  
NEWS 4 JUL 02 CHEMCATS accession numbers revised  
NEWS 5 JUL 02 CA/CAplus enhanced with utility model patents from China  
NEWS 6 JUL 16 CAplus enhanced with French and German abstracts  
NEWS 7 JUL 18 CA/CAplus patent coverage enhanced  
NEWS 8 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification  
NEWS 9 JUL 30 USGENE now available on STN  
NEWS 10 AUG 06 CAS REGISTRY enhanced with new experimental property tags  
NEWS 11 AUG 06 BEILSTEIN updated with new compounds  
NEWS 12 AUG 06 FSTA enhanced with new thesaurus edition  
NEWS 13 AUG 13 CA/CAplus enhanced with additional kind codes for granted patents  
NEWS 14 AUG 20 CA/CAplus enhanced with CAS indexing in pre-1907 records  
NEWS 15 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB  
NEWS 16 AUG 27 USPATOLD now available on STN  
NEWS 17 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data  
NEWS 18 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index  
NEWS 19 SEP 13 FORIS renamed to SOFIS  
NEWS 20 SEP 13 INPADOCDB enhanced with monthly SDI frequency  
NEWS 21 SEP 17 CA/CAplus enhanced with printed CA page images from 1967-1998  
NEWS 22 SEP 17 CAplus coverage extended to include traditional medicine patents  
NEWS 23 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements  
  
NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 12:02:24 ON 30 SEP 2007

=> file medline, agricola, caba, caplus, biosis, biotechno  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 0.21 0.21

FILE 'MEDLINE' ENTERED AT 12:02:46 ON 30 SEP 2007

FILE 'AGRICOLA' ENTERED AT 12:02:46 ON 30 SEP 2007

FILE 'CABA' ENTERED AT 12:02:46 ON 30 SEP 2007  
COPYRIGHT (C) 2007 CAB INTERNATIONAL (CABI)

FILE 'CAPLUS' ENTERED AT 12:02:46 ON 30 SEP 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 12:02:46 ON 30 SEP 2007  
Copyright (c) 2007 The Thomson Corporation

FILE 'BIOTECHNO' ENTERED AT 12:02:46 ON 30 SEP 2007  
COPYRIGHT (C) 2007 Elsevier Science B.V., Amsterdam. All rights reserved.

=> s (inze, d? or inze d?)/au  
L1 1796 (INZE, D? OR INZE D?)/AU

=> s (veylder, l? or veylde l?)/au  
L2 88 (VEYLDER, L2 OR VEYLDER L?)/AU

=> s (vlieghe, k? or vlieghe k?)/au  
L3 20 (VLIEGHE, K? OR VLIEGHE K?)/AU

=> s 11 and 12 and 13 .  
L4 5 T.1 AND T.2 AND T.3

```
=> duplicate remove l4
DUPLICATE PREFERENCE IS 'AGRICOLA, CABA'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L4
L5          4 DUPLICATE REMOVE L4 (1 DUPLICATE REMOVED)
```

=> d 15 1-4 ti

L5 ANSWER 1 OF 4 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.

TI (2007) on STN DUPLICATE 1  
Genome-Wide Identification of Potential Plant E2F Target Genes.

L5 ANSWER 2 OF 4 CABA COPYRIGHT 2007 CABI on STN  
TI The DPF-E2F-like gene DEL1 controls the endocycle in *Arabidopsis thaliana*

L5 ANSWER 3 OF 4 CABA COPYRIGHT 2007 CABI on STN  
TI The plant-specific cyclin-dependent kinase CDKB1;1 and transcription factor E2Fa-DPa control the balance of mitotically dividing and endoreduplicating cells in *Arabidopsis*.

L5 ANSWER 4 OF 4 CABA COPYRIGHT 2007 CABI on STN  
TI Microarray analysis of E2Fa-DPa-overexpressing plants uncovers a cross-talking genetic network between DNA replication and nitrogen assimilation.

=> d 15 1-4 bib

L5 ANSWER 1 OF 4 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.  
(2007) on STN

DUPPLICATE 1

AN 2005:74909 AGRICOLA

DN IND43744483

TI Genome-Wide Identification of Potential Plant E2F Target Genes.

AU Vandepoele, Klaas; Vlieghe, Kobe; Florquin, Kobe; Hennig, Lars; Beemster, Gerrit T.S.; Gruisse, Wilhelm; Peer, Yves van de; Inze, Dirk; Veylder, Lieven de

AV DNAL (450 P692)

SO Plant physiology, 2005 Sep. Vol. 139, no. 1 p. 316-328

ISSN: 0032-0889

NTE Includes references

DT Article

FS Other US

LA English

L5 ANSWER 2 OF 4 CABA COPYRIGHT 2007 CABI on STN

AN 2005:56723 CABA

DN 20053037037

TI The DP-E2F-like gene DEL1 controls the endocycle in *Arabidopsis thaliana*

AU Vlieghe, K.; Boudolf, V.; Beemster, G. T. S.; Maes, S.; Magyar, Z.; Atanassova, A.; Engler, J. de A.; Groodt, R. de; Inze, D.; Veylder, L. de; de A. Engler, J.; de Groodt, R.; de Veylder, L.

CS Department of Plant Systems Biology, Flanders Interuniversity Institute for Biotechnology, Ghent University, Technologiepark 927, Gent B-9052, Belgium. dirk.inze@psb.ugent.be

SO Current Biology, (2005) Vol. 15, No. 1, pp. 59-63. 16 ref.

Publisher: Cell Press. Cambridge

ISSN: 0960-9822

DOI: 10.1016/j.cub.2004.12.038

CY United States

DT Journal

LA English

ED Entered STN: 7 Apr 2005

Last Updated on STN: 7 Apr 2005

L5 ANSWER 3 OF 4 CABA COPYRIGHT 2007 CABI on STN

AN 2005:4301 CABA

DN 20043191068

TI The plant-specific cyclin-dependent kinase CDKB1;1 and transcription factor E2Fa-DPa control the balance of mitotically dividing and endoreduplicating cells in *Arabidopsis*

AU Boudolf, V.; Vlieghe, K.; Beemster, G. T. S.; Magyar, Z.; Acosta, J. A. T.; Maes, S.; Schueren, E. van der; Inze, D.; Veylder, L. de; der Schueren, E. van; van der Schueren, E.; de Veylder, L.

CS Department of Plant Systems Biology, Flanders Interuniversity Institute for Biotechnology, Ghent University, B-9052 Gent, Belgium.

dirk.inze@psb.ugent.be; lieven.deveylder@psb.ugent.be

SO Plant Cell, (2004) Vol. 16, No. 10, pp. 2683-2692. 49 ref.

Publisher: American Society of Plant Biologists. Rockville

ISSN: 1040-4651

URL: <http://www.plantcell.org/>

DOI: 10.1105/tpc.104.024398

CY United States

DT Journal

LA English

ED Entered STN: 7 Jan 2005

Last Updated on STN: 7 Jan 2005

L5 ANSWER 4 OF 4 CABA COPYRIGHT 2007 CABI on STN

AN 2003:200617 CABA  
DN 20033179662  
TI Microarray analysis of E2Fa-DPa-overexpressing plants uncovers a cross-talking genetic network between DNA replication and nitrogen assimilation  
AU Vlieghe, K.; Vuylsteke, M.; Florquin, K.; Rombauts, S.; Maes, S.; Ormenese, S.; Hummelen, P. van; Peer, Y. van de; Inze, D.; Veylder, L. de; de Peer, Y. van; van Hummelen, P.; van de Peer, Y.; de Veylder, L.  
CS Department of Plant Systems Biology, Flanders Interuniversity Institute for Biotechnology (VIB), Ghent University, B-9052 Gent, Belgium.  
dirk.inze@psb.ugent.be  
SO Journal of Cell Science, (2003) Vol. 116, No. 20, pp. 4249-4259. 42 ref.  
Publisher: Company of Biologists Ltd. Cambridge  
ISSN: 0021-9533  
CY United Kingdom  
DT Journal  
LA English  
ED Entered STN: 9 Dec 2003  
Last Updated on STN: 9 Dec 2003

=> d his

(FILE 'HOME' ENTERED AT 12:02:24 ON 30 SEP 2007)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
12:02:46 ON 30 SEP 2007

L1 1796 S (INZE, D? OR INZE D?)/AU  
L2 88 S (VEYLDER, L? OR VEYLDER L?)/AU  
L3 20 S (VLIEGHE, K? OR VLIEGHE K?)/AU  
L4 5 S L1 AND L2 AND L3  
L5 4 DUPLICATE REMOVE L4 (1 DUPLICATE REMOVED)

=> s l1 or l2 or l3

L6 1800 L1 OR L2 OR L3

=> s l6 not l4

L7 1795 L6 NOT L4

=> s l7 and ((dp(s)e2f) or (dpa(s)e2fa))

L8 44 L7 AND ((DP(S) E2F) OR (DPA(S) E2FA)).

=> duplicate remove l8

DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L8

L9 17 DUPLICATE REMOVE L8 (27 DUPLICATES REMOVED)

=> d 19 1-10 ti

L9 ANSWER 1 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN

TI Methods for transcription factor DEL1 gene silencing for increased plant yield and stress resistance

L9 ANSWER 2 OF 17 CABA COPYRIGHT 2007 CABI on STN

TI Cell cycle control and plant development.

L9 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN

TI Genome-wide analysis of core cell cycle genes in the unicellular green alga *Ostreococcus tauri*. [Erratum to document cited in CA143:091729]

L9 ANSWER 4 OF 17 MEDLINE on STN.

DUPLICATE 1

TI Green light for the cell cycle.

L9 ANSWER 5 OF 17 MEDLINE on STN DUPLICATE 2  
TI Genome-wide analysis of core cell cycle genes in the unicellular green  
alga *Ostreococcus tauri*.

L9 ANSWER 6 OF 17 MEDLINE on STN DUPLICATE 3  
TI Genome-wide identification of potential plant E2F target genes.

L9 ANSWER 7 OF 17 MEDLINE on STN DUPLICATE 4  
TI The DP-E2F-like gene DEL1 controls the endocycle in  
*Arabidopsis thaliana*.

L9 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN  
TI *Arabidopsis thaliana* E2F target gene expression profile, cDNA and protein  
sequences, and uses in transgenic plants

L9 ANSWER 9 OF 17 MEDLINE on STN DUPLICATE 5  
TI The plant-specific cyclin-dependent kinase CDKB1;1 and transcription  
factor E2Fa-DPa control the balance of mitotically  
dividing and endoreduplicating cells in *Arabidopsis*.

L9 ANSWER 10 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Overexpression of the transcription factor E2F gene in plants to modify  
cell number, architecture and yield

=> d 19 3,5,6,8 bib

L9 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2005:694568 CAPLUS  
DN 143:400673  
TI Genome-wide analysis of core cell cycle genes in the unicellular green  
alga *Ostreococcus tauri*. [Erratum to document cited in CA143:091729]  
AU Robbens, Steven; Khadaroo, Basheer; Camasses, Alain; Derelle, Evelyne;  
Ferraz, Conchita; Inze, Dirk; Van de Peer, Yves; Moreau, Herve  
CS Laboratoire Arago, Modeles en Biologie Cellulaire et Evolutive,  
Universite Paris VI, Banyuls sur Mer, Fr.  
SO Molecular Biology and Evolution (2005), 22(4), 1158  
CÓDEN: MBEVEO; ISSN: 0737-4038  
PB Oxford University Press  
DT Journal  
LA English

L9 ANSWER 5 OF 17 MEDLINE on STN DUPLICATE 2  
AN 2005171273 MEDLINE  
DN PubMed ID: 15537805  
TI Genome-wide analysis of core cell cycle genes in the unicellular green  
alga *Ostreococcus tauri*.  
AU Robbens Steven; Khadaroo Basheer; Camasses Alain; Derelle Evelyne; Ferraz  
Conchita; Inze Dirk; Van de Peer Yves; Moreau Herve  
CS Universite Paris VI, Laboratoire Arago, Modeles en Biologie Cellulaire et  
Evolutive, Banyuls sur Mer, France.  
SO Molecular biology and evolution, (2005 Mar) Vol. 22, No. 3, pp. 589-97.  
Electronic Publication: 2004-11-10.  
Journal code: 8501455. ISSN: 0737-4038.  
CY United States  
DT (COMPARATIVE STUDY)  
Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 200509  
ED Entered STN: 5 Apr 2005  
Last Updated on STN: 2 Sep 2005  
Entered Medline: 1 Sep 2005

L9 ANSWER 6 OF 17 MEDLINE on STN DUPLICATE 3  
 AN 2005495243 MEDLINE  
 DN PubMed ID: 16126853  
 TI Genome-wide identification of potential plant E2F target genes.  
 AU Vandepoele Klaas; Vlieghe Kobe; Florquin Kobe; Hennig Lars;  
 Beemster Gerrit T S; Gruissem Wilhelm; Van de Peer Yves; Inze Dirk  
 ; De Veylder Lieven  
 CS Department of Plant Systems Biology, Flanders Interuniversity Institute  
 for Biotechnology, Ghent University, Belgium.  
 SO Plant physiology, (2005 Sep) Vol. 139, No. 1, pp. 316-28. Electronic  
 Publication: 2005-08-26.  
 Journal code: 0401224. ISSN: 0032-0889.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 200601  
 ED Entered STN: 17 Sep 2005  
 Last Updated on STN: 24 Jan 2006  
 Entered Medline: 23 Jan 2006

L9 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2004:355096 CAPLUS  
 DN 140:369946  
 TI Arabidopsis thaliana E2F target gene expression profile, cDNA and protein  
 sequences, and uses in transgenic plants  
 IN Inze, Dirk; De Veylder, Lieven; Vlieghe, Kobe  
 PA Cropdesign N.V., Belg.  
 SO PCT Int. Appl., 134 pp.  
 CODEN: PIXXD2

DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004035798	A2	20040429	WO 2003-EP11658	20031020
	WO 2004035798	A3	20041104		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003298095	A1	20040504	AU 2003-298095	20031020
	EP 1551983	A2	20050713	EP 2003-795794	20031020
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	US 2006021088	A1	20060126	US 2005-531475	20050415
PRAI	EP 2002-79408	A	20021018		
	WO 2003-EP11658	W	20031020		

=> d his

(FILE 'HOME' ENTERED AT 12:02:24 ON 30 SEP 2007)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
 12:02:46 ON 30 SEP 2007

L1 1796 S (INZE, D? OR INZE D?)/AU  
 L2 88 S (VEYLDER, L? OR VEYLDER L?)/AU

L3 20 S (VLIEGHE, K? OR VLIEGHE K?)/AU  
L4 5 S L1 AND L2 AND L3  
L5 4 DUPLICATE REMOVE L4 (1 DUPLICATE REMOVED)  
L6 1800 S L1 OR L2 OR L3  
L7 1795 S L6 NOT L4  
L8 44 S L7 AND ((DP(S)E2F) OR (DPA(S)E2FA))  
L9 17 DUPLICATE REMOVE L8 (27 DUPLICATES REMOVED)

=> s azf2  
L10 20 AZF2

=> duplicate remove 110  
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L10  
L11 5 DUPLICATE REMOVE L10 (15 DUPLICATES REMOVED)

=> d 111 1-5 ti

L11 ANSWER 1 OF 5 MEDLINE on STN DUPLICATE 1  
TI Zinc finger protein 1 (ThZF1) from salt cress (*Thellungiella halophila*) is  
a Cys-2/His-2-type transcription factor involved in drought and salt  
stress.

L11 ANSWER 2 OF 5 MEDLINE on STN DUPLICATE 2  
TI Arabidopsis Cys2/His2-type zinc-finger proteins function as transcription  
repressors under drought, cold, and high-salinity stress conditions.

L11 ANSWER 3 OF 5 MEDLINE on STN DUPLICATE 3  
TI Functional identification of an Arabidopsis *snf4* ortholog by screening for  
heterologous multicopy suppressors of *snf4* deficiency in yeast.

L11 ANSWER 4 OF 5 MEDLINE on STN DUPLICATE 4  
TI Expression of a subset of the Arabidopsis Cys(2)/His(2)-type zinc-finger  
protein gene family under water stress.

L11 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
TI Analysis of Arabidopsis Cys2/His2-type Zn-finger protein genes expressed  
under water stress.

=> d 111 1-5 bib

L11 ANSWER 1 OF 5 MEDLINE on STN DUPLICATE 1  
AN 2007153795 MEDLINE  
DN PubMed ID: 17024447  
TI Zinc finger protein 1 (ThZF1) from salt cress (*Thellungiella halophila*) is  
a Cys-2/His-2-type transcription factor involved in drought and salt  
stress.  
AU Xu ShouMing; Wang XueChen; Chen Jia  
CS State Key Laboratory of Plant Physiology and Biochemistry, College of  
Biological Sciences, China Agricultural University, Beijing, China.  
SO Plant cell reports, (2007 Apr) Vol. 26, No. 4, pp. 497-506. Electronic  
Publication: 2006-10-06.  
Journal code: 9880970. ISSN: 0721-7714.  
CY Germany: Germany, Federal Republic of  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
OS GENBANK-DQ869034  
EM 200708  
ED Entered STN: 15 Mar 2007  
Last Updated on STN: 14 Aug 2007  
Entered Medline: 13 Aug 2007

L11 ANSWER 2 OF 5 MEDLINE on STN DUPLICATE 2  
AN 2004465821 MEDLINE  
DN PubMed ID: 15333755  
TI Arabidopsis Cys2/His2-type zinc-finger proteins function as transcription repressors under drought, cold, and high-salinity stress conditions.  
AU Sakamoto Hideki; Maruyama Kyonoshin; Sakuma Yoh; Meshi Tetsuo; Iwabuchi Masaki; Shinozaki Kazuo; Yamaguchi-Shinozaki Kazuko  
CS Biological Resources Division, Japan International Research Center for Agricultural Sciences, Tsukuba, Ibaraki 305-8686, Japan.  
SO Plant physiology, (2004 Sep) Vol. 136, No. 1, pp. 2734-46. Electronic Publication: 2004-08-27.  
Journal code: 0401224. ISSN: 0032-0889.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 200412  
ED Entered STN: 21 Sep 2004  
Last Updated on STN: 19 Dec 2004  
Entered Medline: 6 Dec 2004

L11 ANSWER 3 OF 5 MEDLINE on STN DUPLICATE 3  
AN 2000418106 MEDLINE  
DN PubMed ID: 10929106  
TI Functional identification of an Arabidopsis snf4 ortholog by screening for heterologous multicopy suppressors of snf4 deficiency in yeast.  
AU Kleinow T; Bhalerao R; Breuer F; Umeda M; Salchert K; Koncz C  
CS Max-Planck Institut fur Zuchungsforschung, Carl-von-Linne-Weg 10, D-50829 Koln, Germany.  
SO The Plant journal : for cell and molecular biology, (2000 Jul) Vol. 23, No. 1, pp. 115-22.  
Journal code: 9207397. ISSN: 0960-7412.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 200009  
ED Entered STN: 15 Sep 2000  
Last Updated on STN: 15 Sep 2000  
Entered Medline: 7 Sep 2000

L11 ANSWER 4 OF 5 MEDLINE on STN DUPLICATE 4  
AN 2000267844 MEDLINE  
DN PubMed ID: 10806347  
TI Expression of a subset of the Arabidopsis Cys(2)/His(2)-type zinc-finger protein gene family under water stress.  
AU Sakamoto H; Araki T; Meshi T; Iwabuchi M  
CS Department of Botany, Graduate School of Science, Kyoto University, Sakyo-ku, Kyoto, Japan.  
SO Gene, (2000 May 2) Vol. 248, No. 1-2, pp. 23-32.  
Journal code: 7706761. ISSN: 0378-1119.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
OS GENBANK-AB030730; GENBANK-AB030731; GENBANK-AB030732  
EM 200007  
ED Entered STN: 14 Jul 2000  
Last Updated on STN: 18 Aug 2000  
Entered Medline: 6 Jul 2000

L11 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
AN 1998:339185 BIOSIS  
DN PREV199800339185  
TI Analysis of *Arabidopsis* Cys2/His2-type Zn-finger protein genes expressed under water stress.  
AU Sakamoto, Hideki; Araki, Takashi; Meshi, Tetsuo; Iwabuchi, Masaki  
CS Dep. Botany, Grad. Sch. Sci., Kyoto Univ., Kyoto 606-01, Japan  
SO Plant and Cell Physiology, (1998) Vol. 39, No. SUPPL., pp. S104. print.  
Meeting Info.: 1998 Annual Meeting of the Japanese Society of Plant Pathologists. Tokyo, Japan. May 3-5, 1998. Japanese Society of Plant Pathologists.  
CODEN: PCPHA5. ISSN: 0032-0781.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 12 Aug 1998  
Last Updated on STN: 12 Aug 1998

=> d 111 1-5 kwic

L11 ANSWER 1 OF 5 MEDLINE on STN DUPLICATE 1  
AB . . . demonstrated that ThZF1 was able to activate HIS marker gene in yeast. Finally, ectopic expression of ThZF1 in *Arabidopsis* mutant azf2 suggested that ThZF1 may have similar roles as *Arabidopsis* AZF2 in plant development as well as regulation of downstream gene.

L11 ANSWER 2 OF 5 MEDLINE on STN DUPLICATE 2  
AB . . . of this type of protein, we analyzed the function of *Arabidopsis* L. Heynh. genes encoding four different ZPT2-related proteins (AZF1, AZF2, AZF3, and STZ). Gel-shift analysis showed that the AZFs and STZ bind to A(G/C)T repeats within an EP2 sequence, known. . . act as transcriptional repressors that down-regulate the transactivation activity of other transcription factors. RNA gel-blot analysis showed that expression of AZF2 and STZ was strongly induced by dehydration, high-salt and cold stresses, and abscisic acid treatment. Histochemical analysis of beta-glucuronidase activities driven by the AZF2 or STZ promoters revealed that both genes are induced in leaves rather than roots of rosette plants by the stresses. Transgenic *Arabidopsis* overexpressing STZ showed growth retardation and tolerance to drought stress. These results suggest that AZF2 and STZ function as transcriptional repressors to increase stress tolerance following growth retardation.

L11 ANSWER 3 OF 5 MEDLINE on STN DUPLICATE 3  
AB . . . mutant to grown on non-fermentable carbon source was suppressed by *Arabidopsis* Myb30, CAAT-binding factor Hap3b, casein kinase I, zinc-finger factors AZF2 and ZAT10, as well as orthologs of hexose/UDP-hexose transporters, calmodulin, SMC1-cohesin and Snf4. Here we describe the characterization of AtSNF4, . . .

L11 ANSWER 4 OF 5 MEDLINE on STN DUPLICATE 4  
AB . . . to the already reported gene STZ/ZAT10 and three were as yet unidentified genes, then designated AZF1 (*Arabidopsis* zinc-finger protein 1), AZF2 and AZF3. The AZF- and STZ-encoded proteins contain two canonical Cys(2)/His(2)-type zinc-finger motifs, separated by a long spacer. Three conserved. . . of expression of all of these genes. Low-temperature treatment increased the expression levels of AZF1, AZF3, and STZ, but not AZF2. Only AZF2 expression was strongly induced by ABA treatment, where the time course of the induction was similar to that caused by high salinity. In situ localization showed that AZF2 mRNA accumulated in the elongation zone of the roots under the salt-stress condition. These results suggest that AZF1, AZF2, AZF3, and STZ are all involved in the water-stress response

in an ABA-dependent or -independent pathway to regulate downstream genes.

L11 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
IT . . .  
IT      Genetics (Biochemistry and Molecular Biophysics)  
IT      Chemicals & Biochemicals  
IT      sodium chloride; ABA [abscisic acid]; AZF1 [Arabidopsis zinc-finger protein 1]: expression; AZF2 [Arabidopsis zinc-finger protein 2]: expression; Cys2/His2-type zinc-finger protein gene: expression

=> d his

(FILE 'HOME' ENTERED AT 12:02:24 ON 30 SEP 2007)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
12:02:46 ON 30 SEP 2007

L1      1796 S (INZE, D? OR INZE D?)/AU  
L2      88 S (VEYLDER, L? OR VEYLDER L?)/AU  
L3      20 S (VLIEGHE, K? OR VLIEGHE K?)/AU  
L4      5 S L1 AND L2 AND L3  
L5      4 DUPLICATE REMOVE L4 (1 DUPLICATE REMOVED)  
L6      1800 S L1 OR L2 OR L3  
L7      1795 S L6 NOT L4  
L8      44 S L7 AND ((DP(S)E2F) OR (DPA(S)E2FA))  
L9      17 DUPLICATE REMOVE L8 (27 DUPLICATES REMOVED)  
L10     20 S AZF2  
L11     5 DUPLICATE REMOVE L10 (15 DUPLICATES REMOVED)

=> file uspatfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	41.08	41.29

FILE 'USPATFULL' ENTERED AT 12:09:19 ON 30 SEP 2007

CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 27 Sep 2007 (20070927/PD)  
FILE LAST UPDATED: 27 Sep 2007 (20070927/ED)  
HIGHEST GRANTED PATENT NUMBER: US7275264  
HIGHEST APPLICATION PUBLICATION NUMBER: US2007226864  
CA INDEXING IS CURRENT THROUGH 27 Sep 2007 (20070927/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 27 Sep 2007 (20070927/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2007  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2007

=> s 14

21 INZE, D?/AU  
21 INZE D?/AU  
4 VEYLDER, L?/AU  
4 VEYLDER L?/AU  
1 VLIEGHE, K?/AU  
1 VLIEGHE K?/AU  
L12     1 L1 AND L2 AND L3

=> d 112 bib

L12 ANSWER 1 OF 1 USPATFULL on STN  
AN      2006:23249 USPATFULL  
TI      Identification of novel e2f target genes and use thereof  
IN      Inze, Dirk, Moorsel-Aalst, BELGIUM  
      Veylder, Lieven, Drongen, BELGIUM  
      Vlieghe, Kobe, Aalter, BELGIUM  
PI      US 2006021088      A1 20060126

AI US 2003-531475 A1 20031020 (10)  
WO 2003-EP11658 20031020  
20050415 PCT 371 date  
PRAI EP 2002-79408 20021018  
DT Utility  
FS APPLICATION  
LREP NIXON & VANDERHYE, PC, 901 NORTH GLEBE ROAD, 11TH FLOOR, ARLINGTON, VA,  
22203, US  
CLMN Number of Claims: 39  
ECL Exemplary Claim: 1  
DRWN 10 Drawing Page(s)  
LN.CNT 6959  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s 16

21 INZE, D?/AU  
21 INZE D?/AU  
4 VEYLDER, L?/AU  
4 VEYLDER L?/AU  
1 VLIEGHE, K?/AU  
1 VLIEGHE K?/AU

L13 21 L1 OR L2 OR L3

=> s 113 not 112

L14 20 L13 NOT L12

=> s azf2

L15 11 AZF2

=> s 114 and 115

L16 0 L14 AND L15

=> d 115 1-11 ti

L15 ANSWER 1 OF 11 USPATFULL on STN  
TI Microorganisms for therapy

L15 ANSWER 2 OF 11 USPATFULL on STN  
TI Microorganisms for therapy

L15 ANSWER 3 OF 11 USPATFULL on STN  
TI Combined growth factor-deleted and thymidine kinase-deleted vaccinia  
virus vector

L15 ANSWER 4 OF 11 USPATFULL on STN  
TI Microorganisms for therapy

L15 ANSWER 5 OF 11 USPATFULL on STN  
TI Methods for identifying small molecules that modulate premature  
translation termination and nonsense mediated mrna decay

L15 ANSWER 6 OF 11 USPATFULL on STN  
TI Microorganisms for therapy

L15 ANSWER 7 OF 11 USPATFULL on STN  
TI Methods for identifying small molecules that modulate premature  
translation termination and nonsense mrna decay

L15 ANSWER 8 OF 11 USPATFULL on STN  
TI Microorganisms for therapy

L15 ANSWER 9 OF 11 USPATFULL on STN  
TI Novel transcriptional factor enhancing the resistance of plants to  
osmotic stress

L15 ANSWER 10 OF 11 USPATFULL on STN  
TI Combined growth factor-deleted and thymidine kinase-deleted vaccinia virus vector

L15 ANSWER 11 OF 11 USPATFULL on STN  
TI Digital data decompressing system and method

=> d 115 9 bib

L15 ANSWER 9 OF 11 USPATFULL on STN  
AN 2004:94836 USPATFULL  
TI Novel transcriptional factor enhancing the resistance of plants to osmotic stress  
IN Hwang, Inhwan, Pohang-si, KOREA, REPUBLIC OF  
Piao, Hai Lan, Hunchun, CHINA  
PI US 2004072289 A1 20040415  
US 7141720 B2 20061128  
AI US 2003-433005 A1 20030529 (10)  
WO 2001-KR364 20010309  
PRAI KR 2000-72720 20001202  
DT Utility  
FS APPLICATION  
LREP BURNS DOANE SWECKER & MATHIS L L P, POST OFFICE BOX 1404, ALEXANDRIA, VA, 22313-1404  
CLMN Number of Claims: 11  
ECL Exemplary Claim: 1  
DRWN 10 Drawing Page(s)  
LN.CNT 1134  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 115 9 kwic

L15 ANSWER 9 OF 11 USPATFULL on STN  
SUMM . . . 1995; Soderman et al., Plant J. 10: 375-381, 1996), Alfini (Bastola et al., Plant Mol. Biol., 24: 701-713, 1998) and AZF1, AZF2 and AZF3 (Sakamoto et al., Gene, 248: 23-32, 2000).

=> d his

(FILE 'HOME' ENTERED AT 12:02:24 ON 30 SEP 2007)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 12:02:46 ON 30 SEP 2007  
L1 1796 S (INZE, D? OR INZE D?)/AU  
L2 88 S (VEYLDER, L? OR VEYLDER L?)/AU  
L3 20 S (VLIEGHE, K? OR VLIEGHE K?)/AU  
L4 5 S L1 AND L2 AND L3  
L5 4 DUPLICATE REMOVE L4 (1 DUPLICATE REMOVED)  
L6 1800 S L1 OR L2 OR L3  
L7 1795 S L6 NOT L4  
L8 44 S L7 AND ((DP(S)E2F) OR (DPA(S)E2FA))  
L9 17 DUPLICATE REMOVE L8 (27 DUPLICATES REMOVED)  
L10 20 S AZF2  
L11 5 DUPLICATE REMOVE L10 (15 DUPLICATES REMOVED)

FILE 'USPATFULL' ENTERED AT 12:09:19 ON 30 SEP 2007

L12 1 S L4  
L13 21 S L6  
L14 20 S L13 NOT L12  
L15 11 S AZF2  
L16 0 S L14 AND L15

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

	SINCE FILE ENTRY	TOTAL SESSION
	7.88	49.17

STN INTERNATIONAL LOGOFF AT 12:11:38 ON 30 SEP 2007